

U. S. Department of Agriculture  
Statistical Reporting Service and  
U. S. Department of Commerce  
Environmental Science Services Admn.  
Weather Bureau

Nebraska Department of Agriculture  
Division of Agr'l. Statistics  
Agricultural Extension Service  
of Nebr. College of Agriculture

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Release 9/8/70

Week Ending 9/7/70

WEATHER Nebraska had another hot week with day-time temperatures frequently in the 90's and occasional reports in excess of 100 degrees. Temperatures for the week averaged from five to nine degrees above normal.

Scattered showers fell on several days, but the amounts of moisture received were highly variable. During the Wednesday night showers most places in the eastern half of the State received generous amounts of moisture, but some received practically none. Many sites received an inch or more with the heaviest reported being 3.88 inches at Norfolk. The southeastern portion of the State received heavy showers again the following night. The showers were accompanied by high winds and a little hail causing some local wind damage.

CROPS Moisture received during the week was most beneficial for fall seed beds and pastures. Top soil moisture is still short in 60 percent of the reporting areas and subsoil moisture was reported short in 80 percent of the areas.

Row crops are maturing rapidly with the warm weather. About 85 percent of the corn has reached or is past the dent stage and 45 percent is ripe. Southern corn leaf blight has been noted, mostly in the southeast, but damage is considered slight. Silage cutting is well under way, especially in drought areas. A few fields of corn have been harvested for grain, but mostly by seed corn companies.

Sorghum maturity is somewhat variable but 75 percent of the fields are turning color. About 10 percent are mature and a few fields have been harvested.

Soybeans are making good progress in maturing with leaves turning color on 40 percent of the acreage, 15 percent are shedding leaves and 5 percent are mature. There were a few scattered reports of early harvesting.

Sugar beets are making satisfactory progress. Some potato digging has started, and dry bean harvest is under way with numerous reports of mold. Millet windrowing and harvesting is getting under way. About 90 percent of the third crop of alfalfa and 10 percent of the fourth crop have been cut.

Farmers are also busy preparing fall seed beds and fertilizing wheat ground. About 5 percent of the wheat and 20 percent of the rye have been planted. A few fields of wheat have started emerging in the west.

LIVESTOCK Livestock showed some discomfort from the hot weather. Pasture and range feed conditions are below average in 85 percent of the area with some supplemental feeding required.

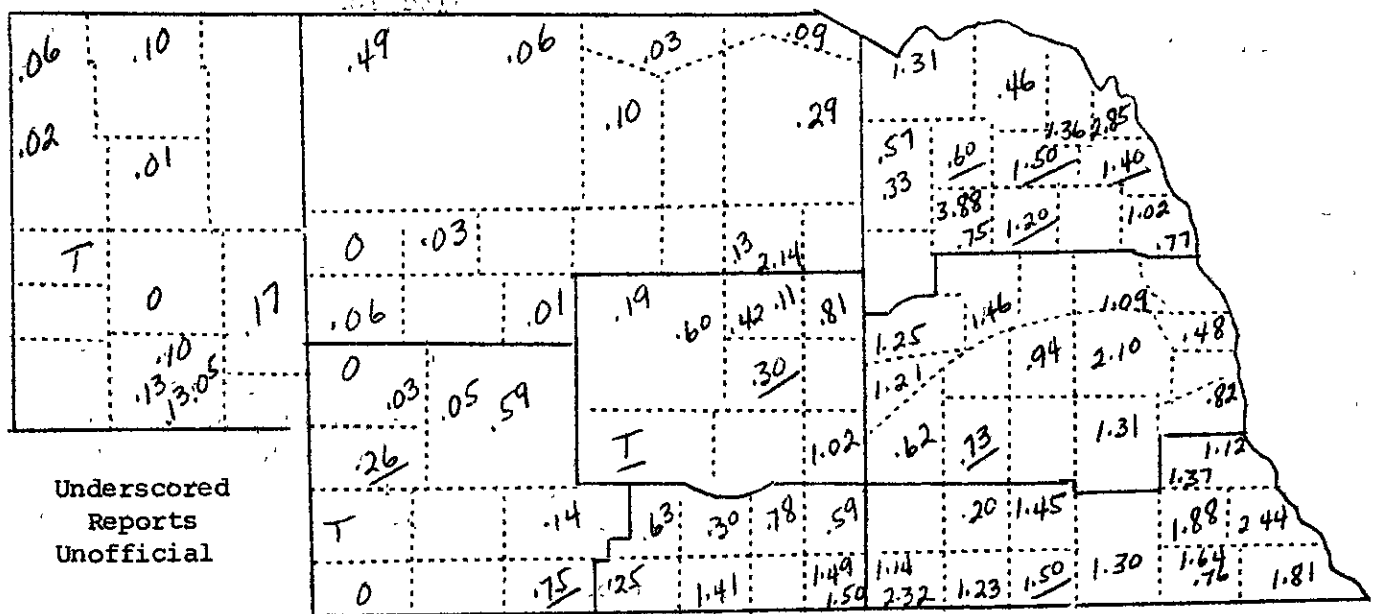
WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING SEPTEMBER 6, 1970

East		Central		West	
Grand Island	1.35	Burwell	--	Chadron	.17
Lincoln	1.43	North Platte	.65	Imperial	T
Norfolk	3.91	Valentine	.11	Scottsbluff	.02
Omaha	.51			Sidney	.40
Sioux City	2.85				

Precipitation, April 1 - September 4, 1970

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.07	.23	1.01	.53	1.08	.12	.87	1.42
Total since April 1	10.96	11.57	13.46	11.82	14.72	9.54	12.19	17.59
Normal since April 1	11.53	13.99	16.45	15.11	17.68	13.14	15.25	19.08

# PRECIPITATION MAP FOR WEEK ENDING SEPTEMBER 4, 1970



HIGHEST AND LOWEST TEMPERATURE (Day-time highs, 6:00 a.m. to 6:00 p.m.; Night-time lows, 6:00 p.m. to 6:00 a.m., CST)

		August		September											
		31st		1st		2nd		3rd		4th		5th		6th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	96	67	96	66	87	57	87	48	95	65	91	62	84	53
	Scottsbluff	92	58	93	57	87	53	85	50	91	50	90	58	76	50
	Sidney	89	55	91	60	87	52	88	47	91	49	90	57	82	47
NC	Burwell	90	62	92	70	86	56	90	53	88	67	90	66	100	54
	Valentine	95	66	96	71	84	55	90	54	93	70	94	67	96	56
NE	Norfolk	87	70	95	73	85	61	89	60	86	69	86	76	99	60
	Sioux City	87	68	98	72	85	63	88	63	87	67	85	75	97	65
CEN	Grand Island	90	68	97	74	93	60	89	55	86	67	88	74	101	57
EC	Lincoln	86	72	94	74	88	64	89	63	84	70	84	77	96	77
	Omaha	84	66	94	72	84	63	88	63	84	67	81	73	95	65
SW	Imperial	93	62	92	65	88	59	92	46	94	63	95	62	95	53
	North Platte	93	63	92	66	82	52	93	48	88	68	83	66	96	49

U. S. Department of Agriculture  
211 P.O. Building, Box 81069  
Lincoln, Nebraska 68501  
Official Business



POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF AGRICULTURE